

Converting Colors

CIELCh(24, 41.459, 354.058)

Have a look what the booklet for
CIELCh(24, 41.459, 354.058)
contains.

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Color

CIELCh(24, 41.314, 353.751)

Conversions

Conversions Part 1

Format	Color
Hex	6C1541
RGB	108, 21, 65
RGB Percent	42%, 8%, 25%
CMY	0.5767, 0.9179, 0.7453
CMYK	0.00, 0.81, 0.40, 0.58
HSL	330°, 67%, 25%
HSV	330°, 81%, 42%
XYZ	7.3980, 4.1002, 5.3959
YIQ	52.0290, 37.7280, 32.1280

Conversions

Conversions Part 2

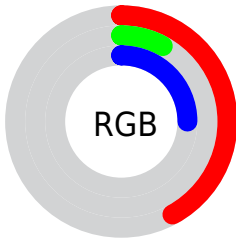
Format	Color
R_{YB}	108, 21, 65
Decimal	7083329
CIE _{Lab}	24.00, 41.07, -4.50
CIE _{LCh}	24, 41.314, 353.751
Yxy	4.1002, 0.4379, 0.2427
Android (android.graphics.Color)	4285273409 (0xFF6C1541)
YUV	52.0290, 6.3947, 49.0866
Hunter-Lab	20.2490, 29.7796, -1.6253

Details

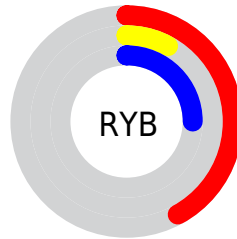
The CIELCh color **24, 41.314, 353.751** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **40, 40.050, 153.756**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 41.417, 353.607**, and **8, 28.842, 2.614** is the 20% darker color. If you saturate the color by 10%, you get **23, 43.576, 356.464**, and if you desaturate by 10%, it is **26, 37.913, 351.576**.

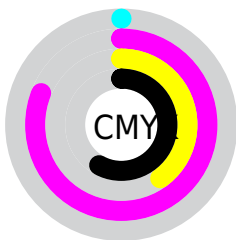
Distribution



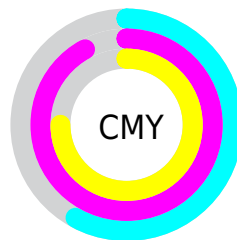
- Red (42%)
- Green (8%)
- Blue (25%)



- Red (42%)
- Yellow (8%)
- Blue (25%)



- Cyan (0%)
- Magenta (81%)
- Yellow (40%)
- Black (58%)





- Cyan (58%)
- Magenta (92%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 41.314, 353.751 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 24, 41.314, 353.751 by changing the saturation by 10% instead.

 24, 41.314,
353.751


 24, 41.314,
353.751

 100, 41.314,
353.751


 14, 41.314,
353.751


 44, 41.314,
353.751


 4, 41.314, 353.751

 54, 41.314,
353.751

 0, 41.314, 353.751

 64, 41.314,
353.751

 74, 41.314,
353.751

 84, 41.314,
353.751

 94, 41.314,

353.751

■ 24, 41.314,
353.751

■ 24, 41.314,
353.751

■ 23, 43.576,
356.464

■ 26, 37.913,
351.576

■ 22, 45.282,
359.227

■ 28, 33.568,
349.805

■ 30, 28.534,
348.332

■ 33, 23.067,
347.077

■ 36, 17.380,
345.985

■ 39, 11.629,
345.014

■ 42, 5.924, 344.127

■ 45, 0.333, 342.609

■ 49, 5.107, 162.714

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24, 41.314, 353.751



40, 40.050, 153.756

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24, 41.314, 353.751



24, 41.314, 43.751



24, 41.314, 173.751



24, 41.314, 223.751

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24, 41.312, 353.752



49, 16.849, 345.396



19, 56.834, 312.118



24, 11.684, 345.662



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24, 41.312, 353.752



30, 54.002, 359.411



23, 44.180, 31.512



21, 3.116, 343.984



24, 47.988, 359.633



53, 82.131, 2.270

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24, 41.312, 353.752



30, 54.002, 359.411



41, 25.137, 194.501



21, 3.116, 343.984



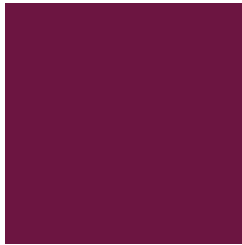
24, 47.988, 359.633



53, 82.131, 2.270

Previews

White Background



This preview shows how the CIE LCh color 24, 41.314, 353.751 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 24, 41.314, 353.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

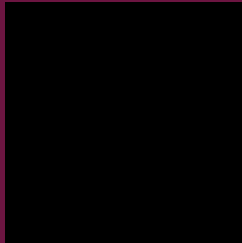
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 24, 41.314, 353.751

Background



This preview shows how black text looks on a background with the CIELCh color 24, 41.314, 353.751.



This preview shows how white text looks on a background with the CIELCh color 24, 41.314, 353.751.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24, 41.314, 353.751

Protanopia

25, 19.903, 284.944

Deuteranopia

25, 4.145, 340.698



Tritanopia
24, 37.770, 27.616

Trichromacy



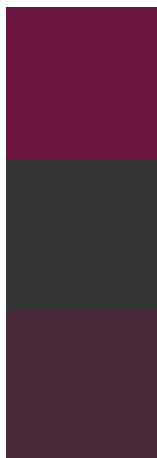
Original Color
24, 41.314, 353.751

Protanomaly
23, 25.301, 317.875

Deuteranomaly
23, 19.875, 347.739

Tritanomaly
24, 37.609, 14.116

Monochromacy



Original Color
24, 41.314, 353.751

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 17.601, 346.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 41.314, 353.751 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(108, 21, 65)` looks like.

```
.text, #text, p{  
    color:rgb(108, 21, 65)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(108, 21, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 21, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 41.314, 353.751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 21, 65) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(108, 21, 65) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(108, 21, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 21, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 21, 65);  
box-shadow:4px 4px 4px 4px rgb(108, 21,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 41.314, 353.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 21, 65) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(108, 21,  
65) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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